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STANDARD DHIA

OWNER SAMPLER

WEIGH-A-DAY - A-MONTH

AGRICULTURAL RESEARCH SERVICE, U. S. DEPARTMENT OF AGRICULTURE

A plan for every size herd

ARS-44-85

Dairy-Herd-Improvement Letter

(Vol. 36, No. 9)

September 1960

DHIA LACTATION AVERAGES 1956-1957

For many years there has been a widespread demand for information on Dairy-Herd-Improvement Association lactation averages, by breed, by State.

Until the sire-proving system of handling and processing DHIA lactation records in the Branch was converted to Electronic Data Processing Machine procedures it was not practical to assemble and compile such data.

During the operation of the new EDPM sire-proving procedures in July, DHIA lactation records for 1956 and 1957 calving dates were selected from the master-tape file and compiled as an auxillary operation.

In future operations of the EDPM sire-proving system lactation records for subsequent years 1958 and 1959 will be selected and tabulated. Thereafter the tabulations will be compiled annually to provide current data on lactation averages.

On the following pages are tabulations of DHIA 305-day lactation records with 1956 and 1957 calving dates, grouped by breed by State. These tabulations include records received from the various States by the Dairy Cattle Research Branch, Animal Husbandry Research Division, Agricultural Research Service, as a part of the National Cooperative Dairy-Herd-Improvement Program. All lactations were standardized to a mature-equivalent, twice-a-day milking basis.

Issued October 1960

305-DAY STANDARDIZED LACTATION AVERAGES BY CALVING YEAR AND STATE

ALL BREEDS

STATE		1956 CALVING YEAR						1957 CALVING YEAR					
		NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT
		REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS
MAINE	11	4478	10527	441	1250	9947	409	5728	10400	434	3318	10954	453
N.H.	12	3680	10195	418	452	9884	401	4132	10161	416	2294	10677	440
VT.	13	7910	9940	427	2260	9043	383	10170	9740	417	5155	10569	453
MASS.	14	6603	10636	446	1337	10438	410	7940	10603	440	4252	11090	439
R.I.	15	1018	9626	432	3	12797	535	1021	9635	432	504	10802	461
CONN.	16	6633	10632	447	1352	11140	432	7985	10718	444	4241	10981	464
N.Y.	21	49458	11390	437	23059	11083	413	72557	11292	429	27469	11544	444
N.J.	22	6561	10824	445	1213	11467	429	7774	10925	443	4462	11304	461
PA.	23	35407	10617	427	12632	10314	402	48039	10537	420	37159	10646	429
OHIO	31	18412	10263	418	2112	11195	425	20524	10359	419	11935	10236	423
IND.	32	9188	10647	447	533	11722	442	9721	10706	446	6074	10614	444
ILL.	33	14075	11368	452	5517	11653	436	19592	11449	448	10272	11235	451
MICH.	34	13173	11213	438	1001	11190	424	14174	11211	437	9258	11440	446
WIS.	35	15114	11090	425	10112	11112	419	25226	11099	423	9543	11790	452
MINN.	41	11734	11021	428	28826	11095	408	40560	11074	414	6451	10905	425
IOWA	42	11098	11278	446	11913	11329	426	23011	11305	436	6597	11294	447
MO.	43	4069	9730	416	2538	9935	409	6607	9809	413	2748	9685	418
N.DAK.	45	571	10131	387	1079	11235	410	1650	10853	402	410	10971	417
S.DAK.	46	526	11809	453	89	13363	471	615	12025	456	342	11537	448
NEBR.	47	1996	11455	459	716	11577	441	2712	11487	454	1232	10872	438
KANS.	48	5614	10980	439	3892	11582	439	9496	11230	439	3565	10769	432
DEL.	50	1279	10025	405	1126	9602	387	2405	9827	396	729	10543	429
MD.	51	10743	10415	427	7405	10460	409	18148	10434	420	7229	10763	439
VA.	52	8424	10530	438	11034	10490	408	19458	10507	421	5563	10662	443
W.VA.	54	2005	9752	397	1570	9643	380	3575	9704	389	1195	9944	404
N.C.	55	5256	9612	404	2907	10206	392	8263	9856	399	3939	9765	408
S.C.	56	1969	8856	400	38	9920	413	2007	8876	400	1422	8323	396
GA.	57	1410	8792	387	1170	9600	377	2580	9159	383	1291	8669	377
FLA.	58	3032	7759	361	730	9019	412	3762	8004	371	2219	7702	348
KY.	61	2396	9375	402	514	10986	411	2910	9660	404	1591	9504	402
TENN.	63	2014	8085	391	35	10740	441	2049	8130	392	1323	8086	390
ALA.	64	1449	7707	352	830	7260	296	2279	7544	332	1353	7038	325
MISS.	65	1273	7491	355	184	8370	362	1457	7602	356	320	7387	347
ARK.	71	445	7467	372	5	8206	322	450	7475	371	240	7440	365
LA.	72	805	6781	321	100	7172	311	905	6825	320	472	6381	305
OKLA.	73	1280	9502	399	271	11149	421	1551	9789	403	383	9493	395
TEXAS	74	2942	8899	410	883	9464	381	3825	9034	403	2121	8541	400
MONTE.	81	506	9854	428	284	11659	420	790	10503	425	390	10600	441
IDAHO	82	3227	10150	436	922	11270	442	4149	10399	437	2259	10747	452
WYO.	83	121	12917	468	98	11119	393	219	12112	435	112	11882	424
COLO.	84	1547	10658	426	268	10426	410	1815	10624	424	925	10509	419
N.MEX.	85	686	9812	434	79	9823	459	764	9813	436	326	9168	416
ARIZ.	86	559	10839	430	575	12046	484	1134	11907	457	468	10980	417
UTAH	87	2285	10725	431	2291	11178	415	4586	10951	423	1349	10891	436
NEV.	88	119	9382	509				119	9382	509	94	9453	482
WASH.	91	6192	10621	475	8190	11400	471	14382	11151	473	4363	11095	482
OREG.	92	4397	9383	456	5075	10311	441	9472	9880	448	3411	9644	462
CALIF.	93	2599	11710	501	942	12619	480	3541	11952	495	1353	11821	510
HAWAII	95	32	11956	401	5	11534	387	37	11899	399	10	11502	387
ALASKA	96	5	11320	414	5	13046	501	10	12183	458			
U.S. AVG.		296425	10642	432	159451	10869	416	455876	10722	426	234317	10743	437
											82692	11020	422
											297003	10929	432

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

AVRSHIRE

STATE	CODE	1956 CALVING YEAR						1957 CALVING YEAR					
		REGISTERED			NON-REGISTERED			REGISTERED			NON-REGISTERED		
		NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT
		REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS
MAINE	11	413	9621	391	21	9111	367	434	9596	390	239	9999	404
N.H.	12	509	9043	370	20	9255	373	529	9651	370	295	9631	395
VT.	13	1092	9486	385	85	8456	345	1177	9411	382	613	9860	403
MASS.	14	901	10119	421	71	8607	353	972	10009	416	431	10404	431
R.I.	15	250	10334	427				250	10334	427	154	10524	435
CONN.	16	747	9784	406	32	9779	394	779	9784	406	404	9740	400
N.Y.	21	3822	9503	388	447	8938	359	4269	9444	385	1824	9744	397
N.J.	22	107	9235	385	4	9593	384	111	9248	385	31	10595	434
PA.	23	2028	9340	389	142	8678	357	2170	9296	387	1739	9206	384
OHIO	31	1248	9620	386	29	9066	369	1277	9608	385	738	9679	391
IND.	32	342	9440	374				343	9440	374	220	9315	367
ILL.	33	342	8681	361	10	8562	340	352	8678	360	271	8779	369
MICH.	34	317	9484	389	3	12393	422	320	9511	389	166	10113	418
WIS.	35	223	8589	350	7	10197	428	240	8636	353	139	9157	377
MINN.	41	318	8922	361	91	9382	356	409	9024	360	236	8974	363
IOWA	42	491	9381	378	64	8955	362	555	9332	376	232	9132	369
MO.	43	7	10141	433	2	11440	453	9	10430	438	9	8123	327
N.DAK.	45	4	4890	195	4	6078	246	8	5484	220		7720	403
S.DAK.	46	68	9095	359	1	7070	271	69	9066	358	37	9441	361
NEBR.	47	8	9626	376	7	7851	324	15	8798	352	9	8829	381
KANS.	48	878	9388	387	78	9510	388	956	9398	387	528	9204	386
DEL.	50	185	8902	362	18	8622	364	203	8877	362	100	8859	351
MD.	51	969	9594	395	150	8965	369	1139	9511	391	310	10011	413
VA.	52	150	8173	329	43	9336	386	193	8432	342	65	7844	310
N.C.	54	177	9059	371	27	7533	311	204	8857	363	61	9561	393
S.C.	55	260	9366	372	3	9523	384	283	9368	372	147	9827	391
	56	75	8314	333				75	8314	333	47	8155	339
GA.	57	83	7498	290	5	7814	317	88	7516	292	34	7164	285
FLA.	58	66	8181	317	14	10444	453	80	8577	341	102	8343	324
KY.	61	7	8641	337	3	8220	341	10	8515	338	4	7965	306
TENN.	63										11	9299	363
ALA.	64	20	5838	232	14	6484	249	34	6104	239	26	5714	236
MISS.	65	31	7796	314				31	7796	314	11	8581	341
ARK.	71												
LA.	72										2	7775	302
OKLA.	73	200	9175	372				200	9175	372	98	8793	357
TEXAS	74	103	8516	331	2	8740	309	105	8520	330	39	8564	334
MOHT.	81	28	9788	397				28	9788	397	9	9403	397
IDAHO	82	62	10102	392	11	9728	378	73	10646	390	26	10688	424
WYO.	83												
COLO.	84	173	9907	412				173	9907	412	71	9266	385
N.MEX.	85										1	9090	382
ARIZ.	86	48	9405	355				48	9405	355	45	9950	389
UTAH	87	1	8090	283	9	10829	433	10	10555	418	3	8287	335
NEV.	88												
WASH.	91	178	9986	406	91	9763	411	269	9911	408	105	10019	413
OREG.	92	25	9454	396	57	9339	388	92	9383	391	16	10045	415
CALIF.	93	230	11834	491	40	9074	350	270	11425	470	139	11322	474
HAWAII	95												
ALASKA	96												
U.S. AVG		17247	9468	387	1605	9010	365	18852	9429	385	10067	9560	392
											795	9207	373
											10862	9534	391

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

GUERNSEY

STATE	CODE	1956 CALVING YEAR			1957 CALVING YEAR		
		REGISTERED	NON-REGISTERED	ALL	REGISTERED	NON-REGISTERED	ALL
		NO. REC.	MILK FAT LBS LBS	NO. REC.	MILK FAT LBS LBS	NO. REC.	MILK FAT LBS LBS
MAINE	11	869	8251 400	200	7880 388	1069	8182 397
N.H.	12	587	8220 383	64	8167 379	651	8215 382
VT.	13	881	8218 392	262	7617 359	1143	8080 384
MASS.	14	1407	8563 414	168	8195 382	1575	8524 411
R.I.	15	273	8921 432		273	8921 432	
CONN.	16	2191	8827 421	255	8489 400	2446	8792 419
N.Y.	21	5282	8484 408	2071	8522 397	7353	8495 405
N.J.	22	1914	8579 416	116	8299 389	2030	8563 414
PA.	23	8648	8211 399	1915	7827 368	10563	8141 393
OHIO	31	3800	8447 397	196	8649 395	3996	8457 397
IND.	32	3322	8888 434	63	8727 401	3385	8885 433
ILL.	33	2329	8878 428	459	8668 397	2788	8847 423
MICH.	34	2092	8583 419	136	8247 394	2228	8562 417
WIS.	35	2106	8160 391	1622	8229 391	3728	8190 391
MINN.	41	1814	8159 397	3089	7859 377	4903	7970 384
IOWA	42	1477	8626 421	1792	8206 390	3269	8396 404
MO.	43	897	8129 400	454	7853 379	1351	8036 393
N. DAK.	45	39	7612 375	48	7769 369	87	7699 372
S. DAK.	46	51	8070 378		51	8070 378	
NEBR.	47	507	8989 445	96	8699 425	603	8943 442
KANS.	48	658	8145 417	273	8185 397	931	8157 411
DEL.	50	386	7628 366	373	7936 374	759	7779 370
MD.	51	2887	8314 408	1389	8041 379	4276	8226 398
VA.	52	3240	8294 407	1979	8007 378	5219	8185 396
W. VA.	54	280	7711 379	216	7936 364	496	7809 372
N.C.	55	1798	8055 390	343	7613 355	2141	7985 385
S.C.	56	915	7833 371	11	7894 379	926	7834 371
GA.	57	211	7769 376	195	7931 357	406	7846 367
FLA.	58	1599	7121 325	247	8666 393	1846	7328 334
KY.	61	269	7855 376	28	7569 341	297	7828 373
TENN.	63	248	8371 406	5	8790 400	253	8379 406
ALA.	64	198	7835 368	109	6244 277	307	7270 336
MISS.	65	493	7586 354	15	8440 397	508	7611 355
ARK.	71	122	7033 328	1	8200 298	123	7042 328
LA.	72	249	6512 312	18	6021 281	267	6479 310
OKLA.	73	255	7793 370	23	8486 384	278	7850 371
TEXAS	74	273	7671 355	54	8067 376	327	7736 359
MONT.	81	86	8683 444	10	7370 326	96	8547 431
IDAHO	82	898	8761 420	151	8688 416	1049	8750 420
WYO.	83	2	8575 399	7	7783 343	9	7959 355
COLO.	84	229	8428 402	73	8135 391	302	8357 397
N. MEX.	85	346	9279 432	60	9243 435	406	9274 432
ARIZ.	86	220	8928 409	30	9876 453	250	9042 414
UTAH	87	420	8406 400	121	7682 356	541	8244 390
NEV.	88					36	8950 418
WASH.	91	1691	9187 458	1725	9123 438	3416	9154 448
OREG.	92	1166	8691 429	1128	8872 421	2294	8780 425
CALIF.	93	847	9183 457	124	9688 465	971	9247 458
HAWAII	95	1	6470 329			1	6470 329
ALASKA	96						
U.S. AVG		60473	8394 406	21714	8224 389	82187	8349 401

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

HOLSTEIN

STATE	CODE	1956 CALVING YEAR						1957 CALVING YEAR					
		REGISTERED			NON-REGISTERED			REGISTERED			NON-REGISTERED		
		NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT
		REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS
MAINE	11	2228	12651	480	809	11008	418	3037	12213	463	1651	12859	484
N.H.	12	1928	11808	442	297	10773	407	2225	11670	437	222	11366	434
VT.	13	3040	12201	449	1083	10598	390	4123	11780	433	226	12751	473
MASS.	14	2805	12705	466	961	11259	420	3766	12336	455	836	11331	426
P.I.	15	160	13256	478	2	14660	531	162	13273	478	138	13583	504
CONN.	16	2563	13138	481	1009	12000	443	3572	12817	470	1703	13526	502
N.Y.	21	35332	12445	450	18996	11653	417	54328	12168	439	19563	12628	457
N.J.	22	3611	12475	464	1063	11862	434	4674	12336	457	2618	12829	476
PA.	23	21974	11988	444	9752	11059	411	31726	11703	434	23861	12038	449
OHIO	31	7907	12336	434	1634	12002	434	9541	12279	434	4966	12313	439
IND.	32	3761	13184	477	436	12367	451	4197	13099	474	2646	12927	473
ILL.	33	8447	12753	470	4729	12105	442	13176	12520	460	6162	12625	471
MICH.	34	8693	12524	452	775	11958	433	9468	12478	450	6307	12701	461
WIS.	35	10910	12043	438	8035	11859	428	18945	11965	434	7298	12661	463
MINN.	41	7618	12360	445	24375	11661	413	31993	11827	421	4052	12305	444
IOWA	42	5944	13105	473	9189	12206	436	15133	12559	451	3543	13094	475
MO.	43	1729	12052	441	1518	11264	420	3247	11684	431	1125	11773	433
N.DAK.	45	333	11162	403	978	11524	414	1311	11432	411	258	11801	426
S.DAK.	46	321	13232	479	76	13677	473	397	13318	478	197	12960	469
NEBR.	47	1145	13281	483	591	12209	446	1736	12916	470	638	12601	462
KANS.	48	2998	12957	476	3338	12078	445	6336	12494	460	2029	12461	463
DEL.	50	632	12046	439	704	10555	394	1336	11260	415	356	12755	468
MD.	51	5625	12242	452	5622	11176	418	11247	11709	435	4100	12395	460
VA.	52	4209	12720	465	8573	11188	415	12782	11692	432	2323	12803	470
W.VA.	54	1078	11390	413	1103	10518	386	2181	10949	399	569	11461	414
N.C.	55	2073	12069	428	2345	10953	400	4418	11477	413	1655	11978	429
S.C.	56	354	11791	419	15	11219	434	369	11768	419	63	11557	422
GA.	57	386	12156	432	695	10813	390	1081	11293	405	423	11761	421
FLA.	58	190	11778	431	114	11001	420	304	11486	427	259	10661	380
KY.	61	994	11627	417	422	11721	423	1416	11655	419	709	11574	421
TENN.	63	264	11444	409	22	11916	454	286	11481	412	164	11683	420
ALA.	64	265	10013	339	317	8893	315	582	9403	326	143	9047	312
MISS.	65	70	11077	397	65	10504	387	135	10801	392	58	11162	411
ARK.	71	19	11757	429	3	8283	301	22	11283	412	5	12770	455
LA.	72	86	9793	349	38	8729	321	124	9467	340	46	8989	314
OKLA.	73	378	12679	448	216	11905	429	594	12397	441	290	12316	436
TEXAS	74	558	12733	455	486	11290	411	1044	12061	434	352	12335	450
MONT.	81	159	12810	454	262	11993	424	421	12302	435	138	13577	477
IDAHO	82	1175	13196	471	645	12509	455	1820	12952	465	943	13652	488
WYO.	83	117	13009	468	91	11375	397	208	12294	437	106	12075	427
COLO.	84	740	12569	449	174	11748	431	914	12413	446	479	12229	436
N.MEX.	85	156	13024	454	10	12718	462	166	13005	454	65	12584	440
ARIZ.	86	227	13862	471	540	13146	487	767	13358	482	238	12669	423
UTAH	87	1325	12697	459	1953	11756	422	3278	12136	437	735	12991	469
NEV.	88	5	15328	520				5	15328	520	2	14285	496
WASH.	91	2374	13739	496	4865	13013	484	7239	13251	488	1607	14153	510
OREG.	92	694	12648	454	2320	12277	452	3014	12363	453	544	13132	475
CALIF.	93	1067	14458	532	747	13439	489	1814	14038	515	504	15135	556
HAWAII	95	31	12133	403	5	11534	387	36	12050	401	10	11502	357
ALASKA	96	5	11320	414	1	12560	412	6	12577	414			
U.S. AVG.		158703	12443	453	121999	11675	424	280702	12109	440	111916	12518	459
											72621	11746	428
											184537	12214	447

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

JERSEY

STATE	CODE	1956 CALVING YEAR						1957 CALVING YEAR					
		REGISTERED			NON-REGISTERED			REGISTERED			NON-REGISTERED		
		NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT
		REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS
MAINE	11	859	8000	420	210	7959	403	1069	7992	416	567	8317	434
N.H.	12	566	8082	429	60	8032	428	626	8077	429	376	8402	450
VT.	13	2695	8118	433	805	7477	385	3500	7971	422	1939	8585	460
MASS.	14	1159	8458	450	112	7628	383	1271	8385	444	560	8880	470
R.I.	15	329	7905	414	1	9070	544	330	7909	414	103	8513	446
CONN.	16	895	8594	451	39	7882	394	934	8565	449	535	8348	442
N.Y.	21	3416	7721	409	1355	7942	401	4771	7784	406	2131	7718	407
N.J.	22	541	8514	457	12	8558	421	553	8515	456	287	8762	467
PA.	23	2168	7753	411	734	7357	380	2902	7653	404	2041	7603	402
OHIO	31	4008	7976	412	207	7918	402	4215	7973	412	2682	7845	408
IND.	32	1202	7983	417	24	7559	368	1226	7974	416	846	7785	405
ILL.	33	1241	7911	411	160	7998	410	1401	7921	411	847	7861	408
MICH.	34	1309	7741	411	42	8044	405	1351	7750	411	323	7531	400
WIS.	35	643	7494	396	250	7074	367	893	7376	388	395	7755	416
MINN.	41	870	7730	408	831	7479	391	1701	7607	400	565	7547	397
IOWA	42	1220	7761	409	502	7645	397	1722	7727	406	659	7868	414
MO.	43	1088	7557	401	521	7917	402	1609	7673	402	722	7532	398
N. DAK.	45	7	8054	438				7	8054	438			
S. DAK.	46	17	6608	370	1	8320	526	18	6703	379	14	6787	387
NEBR.	47	118	8409	442	15	7957	427	133	8358	441	65	8306	436
KANS.	48	500	7620	406	112	7782	400	612	7650	405	308	7365	396
DEL.	50	65	7508	404	22	7484	383	87	7502	398	35	8208	433
MD.	51	1015	7394	393	188	7893	394	1203	7472	393	562	7356	388
VA.	52	703	8391	447	411	7981	407	1114	8240	433	446	8226	434
W. VA.	54	433	7434	387	214	7213	374	647	7361	383	249	7518	398
N.C.	55	1157	7788	393	204	7397	356	1361	7729	388	585	7685	390
S.C.	56	563	8403	435	2	7420	338	565	8400	434	304	7884	407
GA.	57	722	7437	379	259	7661	361	981	7496	374	575	7090	361
FLA.	58	1124	7903	402	350	8547	421	1484	8055	407	752	7701	385
KY.	61	1026	7652	399	57	7405	361	1083	7639	397	510	7637	395
TENN.	63	1498	7441	385	6	8048	405	1504	7444	385	877	7373	361
ALA.	64	962	7086	355	381	6214	286	1343	6839	336	689	6608	329
MISS.	65	667	7005	354	104	7027	341	771	7008	352	355	6725	340
ARK.	71	296	7336	386	1	7980	408	297	7338	386	160	7260	373
LA.	72	454	6288	320	43	6290	314	497	6288	320	239	6065	310
OKLA.	73	352	7481	386	25	7798	400	377	7502	387	195	7399	385
TEXAS	74	1882	7941	412	336	7116	341	2218	7816	401	1303	7656	400
MONT.	81	162	7501	410	11	7755	423	173	7517	411	102	7702	422
IDAHO	82	948	7854	422	106	7800	409	1054	7849	421	630	8046	429
WYO.	83												
COLO.	84	200	7369	401	13	6695	347	213	7328	397	128	7280	400
N. MEX.	85	182	8075	422	8	10559	636	190	8179	431	117	7663	406
ARIZ.	86	64	7766	412	3	8573	387	67	7802	411	34	8087	410
UTAH	87	526	7725	391	197	7648	377	723	7704	388	290	7641	390
NEV.	88	114	9121	508				114	9121	508	56	9603	522
WASH.	91	1779	8593	476	1421	8810	472	3200	8690	474	1058	8626	473
OREG.	92	2318	8706	476	1524	8445	441	3842	8603	462	1625	8821	476
CALIF.	93	385	9393	509	30	9023	466	415	9366	506	222	9202	501
HAWAII	95												
ALASKA	96												
U.S. AVG		44458	7906	416	11909	7866	403	56367	7898	413	28463	7869	414
											6755	8050	412
											35218	7904	414

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

BROWN SWISS

STATE	CODE	1956 CALVING YEAR						1957 CALVING YEAR					
		REGISTERED			NON-REGISTERED			REGISTERED			NON-REGISTERED		
		NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT
		REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS
MAINE	11	25	10210	403	1	10740	467	26	10230	406	17	10864	475
N.H.	12	52	8381	344	1	7660	301	53	8368	344	41	8730	355
VT.	13	153	10464	431	17	9258	369	170	10344	424	92	10538	438
MASS.	14	318	11047	463	19	12556	518	337	11132	466	5	9168	404
R.I.	15	4	9548	375				4	9548	375	11	8979	365
CONN.	16	193	11313	464	16	10026	416	209	11215	460	162	11774	492
N.Y.	21	1463	10168	417	193	9901	400	1656	10137	415	771	10198	419
N.J.	22	388	10201	422	18	10871	453	406	10231	423	252	10617	440
PA.	23	502	9929	408	79	9240	387	581	9835	405	352	9891	407
OHIO	31	1290	10893	448	29	10321	422	1319	10881	448	920	11130	463
IND.	32	449	10933	452	10	12463	503	459	10967	453	257	11323	463
ILL.	33	1446	11456	469	135	10906	436	1581	11409	466	1030	11078	456
MICH.	34	624	10633	424	6	10227	414	630	10629	423	433	10628	421
WIS.	35	1046	10377	419	172	9605	380	1218	10268	414	509	11123	452
MINN.	41	788	10449	425	343	10029	400	1131	10322	417	415	10676	432
IOWA	42	1525	11046	450	321	10399	420	1846	10934	445	902	10939	449
MO.	43	203	9701	400	24	9323	410	227	9661	401	153	9885	414
N.DAK.	45	93	9986	401	42	9775	401	135	9921	401	92	10463	429
S.DAK.	46	69	11907	500	11	11741	469	80	11884	496	62	11165	476
NEBR.	47	135	10337	431	5	9844	426	140	10319	431	78	10685	441
KANS.	48	295	10601	445	60	11095	477	355	10685	450	181	9984	423
DEL.	50	11	11839	499	9	11293	497	20	11594	498	4	12975	558
MD.	51	133	8915	373	48	11399	482	181	9574	402	103	9994	410
VA.	52	74	10791	456	14	11963	507	88	10977	464	54	10514	443
W.VA.	54	37	7918	327	8	7498	305	45	7843	323	31	9340	371
N.C.	55	8	10853	428	9	10600	433	17	10719	430	22	9837	391
S.C.	56	62	11959	473	10	10701	433	72	11784	468	45	10559	425
GA.	57	8	9183	372	16	9211	366	24	9201	368	8	10433	422
FLA.	58	43	9308	368	3	12113	526	46	9491	378	24	9273	363
KY.	61	100	8813	359	4	10470	459	104	8877	363	73	9574	391
TENN.	63	2	13120	548	2	10750	512	4	11935	530	2	12860	516
ALA.	64				8	7398	310	8	7398	310	9	6278	249
MISS.	65	12	8840	347				12	8840	347	3	11220	437
ARK.	71	8	8755	362				8	8755	362	3	12177	473
LA.	72	16	8796	339				16	8796	339			
OKLA.	73	47	10736	438	2	10940	423	49	10744	438	47	10800	432
TEXAS	74	61	10429	428	2	8710	369	63	10375	426	77	10085	399
MONT.	81	41	11772	478				41	11772	478	63	11486	464
IDAHO	82	54	10183	417	3	9147	402	57	10128	417	29	10375	430
WYO.	83	2	11855	522				2	11855	522	4	8125	335
COLO.	84	156	10790	441	3	8317	344	159	10743	439	87	11225	459
N.MEX.	85	2	9585	382				2	9585	382	7	8617	376
ARIZ.	86										45	9887	389
UTAH	87	14	9351	378	6	13158	532	20	10494	424	6	9217	425
NEV.	88												
WASH.	91	107	11137	461	24	11408	486	131	11186	466	82	11683	474
OREG.	92	112	10800	454	14	10070	450	126	10719	453	160	11056	470
CALIF.	93	70	12754	534	1	12820	580	71	12755	535	39	13187	551
HAWAII	95												
ALASKA	96												
U.S. AVG		12241	10656	436	1688	10226	416	13929	10604	434	3014	10763	443
											1139	10013	409
											9153	10670	438

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

MILKING SHORTHORN

STATE	CODE	1956 CALVING YEAR						1957 CALVING YEAR					
		REGISTERED			NON-REGISTERED			REGISTERED			NON-REGISTERED		
		NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT	NO.	MILK	FAT
		REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS	REC.	LBS	LBS
MAINE	11	84	8133	314	9	8774	337	93	8195	316	45	8235	322
N.H.	12	38	8227	302	10	7035	279	48	7979	297	24	9428	362
VT.	13	49	9245	352	8	8629	352	57	9158	352	28	9532	371
MASS.	14	13	8325	314	6	9153	386	19	8587	336	11	8828	341
P.I.	15	2	9980	354				2	9980	354			
CONN.	16	44	7425	287	1	8390	343	45	7447	289	10	7498	297
N.Y.	21	143	8480	327	36	9035	360	179	8592	333	91	8204	313
N.J.	22										5	8436	338
PA.	23	87	8446	326	10	8830	353	97	8485	329	103	8238	311
OHIO	31	146	7909	301	8	6864	288	154	7854	300	102	8191	302
IND.	32	111	8709	323				111	8709	323	69	9342	351
ILL.	33	244	8395	319	14	8030	319	258	8375	319	193	8022	308
MICH.	34	138	8021	301	1	13360	493	139	8059	303	95	8064	299
WIS.	35	161	7882	296	16	9345	354	177	8014	301	34	8707	332
MINN.	41	294	7940	306	94	8460	320	388	8066	309	167	8220	314
IOWA	42	405	8261	313	45	7790	307	450	8214	313	244	8387	320
N.D.	43	145	8264	334	19	9501	395	164	8407	341	81	8712	356
N.DAK.	45	82	8226	327	7	6417	229	89	8084	319	22	8119	325
S.DAK.	46										18	7837	320
NEBR.	47	83	7669	300	2	7455	278	85	7664	300	2	7465	309
KANS.	48	285	7921	317	20	7939	322	305	7922	317	165	7849	320
DEL.	50										4	10508	387
MD.	51	94	8994	364	8	10180	403	102	9087	367	6	11097	478
VA.	52	48	7774	311	13	9840	391	61	8214	328	53	7794	320
W.VA.	54				2	8165	329	2	8165	329	2	7245	261
N.C.	55	40	6548	248	3	9863	395	43	6780	258	11	7489	275
S.C.	56										13	8808	382
GA.	57										1	6090	256
FLA.	58				2	7550	340	2	7550	340			
KY.	61										1	10330	368
TENN.	63	2	6350	238				2	6350	238			
ALA.	64	4	7255	280	1	8350	322	5	7474	288			
MISS.	65										1	10210	446
ARK.	71												
LA.	72				1	6650	321	1	6650	321	6	8482	338
OKLA.	73	47	8528	331	5	7562	332	52	8435	331	25	7370	289
TEXAS	74	65	8060	313	3	8603	380	68	8084	316	1	12550	453
MONT.	81	30	7694	297	1	10110	444	31	7772	302	2	10115	403
IOWA	82	90	8451	318	6	8285	325	96	8441	318	26	7900	294
WYO.	83										33	7601	284
COLO.	84	49	7880	300							68	9178	339
N.MEX.	85				5	8808	328	54	7966	303			
ARIZ.	86				2	11370	483	2	11370	483	1	15310	508
UTAH	87	9	6382	236	5	7102	265	14	6639	246	4	9180	419
NEV.	88												
WASH.	91	63	9473	359	64	10055	419	127	9766	389	32	9531	353
OREG.	92	72	8665	323	27	9121	374	99	8790	337	32	9587	400
CALIF.	93										18	9951	437
HAWAII	95												
ALASKA	96												
U.S. AVG		3167	8193	315	454	8747	348	3621	8262	319	1982	8287	319
											234	9429	380
											2216	8407	325

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

RED DANE

STATE	CODE	1956 CALVING YEAR						1957 CALVING YEAR					
		REGISTERED		NON-REGISTERED		ALL		REGISTERED		NON-REGISTERED		ALL	
		NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT
		REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS
MAINE	11												
N.H.	12												
VT.	13									6	9305 402	6	9305 402
MASS.	14												
P.I.	15												
CONN.	16												
N.Y.	21			1	11840 373	1	11840 373						
N.J.	22												
PA.	23												
OHIO	31			9	9091 390	9	9091 390			4	9213 334	4	9213 334
IND.	32												
ILL.	33												
MICH.	34			38	9547 374	38	9547 374			9	10754 427	9	10754 427
WIS.	35			10	8981 363	10	8981 363			3	9987 370	3	9987 370
MINN.	41			1	4520 196	1	4520 196						
IOWA	42									1	8600 321	1	8600 321
MO.	43												
N.DAK.	45												
S.DAK.	46												
NEBR.	47												
KANS.	48									1	7910 310	1	7910 310
DEL.	50												
MD.	51												
VA.	52												
W.VA.	54												
N.C.	55												
S.C.	56												
GA.	57												
FLA.	58												
KY.	61												
TENN.	63												
ALA.	64												
MISS.	65												
ARK.	71												
LA.	72												
OKLA.	73												
TEXAS	74												
MONT.	81												
IDAHO	82												
WYO.	83												
COLO.	84												
N.MEX.	85												
ARIZ.	86												
UTAH	87												
NEV.	88												
WASH.	91												
OREG.	92			1	14390 539	1	14390 539			4	10005 420	4	10005 420
CALIF.	93												
HAWAII	95												
ALASKA	96			4	13168 524	4	13168 524						
U.S. AVG		7254	301	64	9654 384	64	9654 384	8145	320	28	9856 393	28	9856 393

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE, 1956-1957

RED POLL

STATE	CODE	1956 CALVING YEAR						1957 CALVING YEAR					
		REGISTERED		NON-REGISTERED		ALL		REGISTERED		NON-REGISTERED		ALL	
		NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT	NO.	MILK FAT
		REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS	REC.	LBS LBS
MAINE	11												
N.H.	12												
VT.	13												
MASS.	14												
P.I.	15												
CONN.	16												
N.Y.	21												
N.J.	22												
PA.	23												
OHIO	31	13	10928 424			13	10928 424	17	10021 387			17	10021 387
IND.	32												
ILL.	33	26	8016 330	10	10958 466	36	8833 368	13	7436 297	3	10480 446	16	8007 325
MICH.	34												
WIS.	35	15	6489 263			15	6489 263	4	9040 360			4	9040 360
MINN.	41	32	7335 308	2	7285 282	34	7332 307	8	6948 265	6	8295 306	14	7525 282
IOWA	42	36	7204 323			36	7204 323	17	7670 336			17	7670 336
MO.	43												
N.DAK.	45	13	7041 316			13	7041 316	8	7950 321	1	6580 274	9	7798 316
S.DAK.	46												
NEBR.	47												
KANS.	48			1	11230 462	1	11230 462						
DEL.	50												
MD.	51												
VA.	52			1	8500 286	1	8500 286						
M.VA.	54												
N.C.	55												
S.C.	56												
GA.	57												
FLA.	58												
KY.	61												
TENN.	63												
ALA.	64												
MISS.	65												
ARK.	71												
LA.	72												
OKLA.	73	1	8730 329			1	8730 329						
TEXAS	74												
MONT.	81												
IDAH0	82												
WYO.	83												
COLO.	84												
N.MEX.	85												
ARIZ.	86												
UTAH	87												
NEV.	88												
WASH.	91												
OREG.	92			4	8663 343	4	8663 343						
CALIF.	93												
HAWAII	95												
ALASKA	96												
U.S. AVG		126	7662 323	18	9918 468	154	7926 333	67	8250 333	10	8779 345	77	8319 334

305-DAY STANDARDIZED LACTATION AVERAGES BY CALVING YEAR, BY STATE, BY BREED, BY CALVING MONTH, 1956

UNITED STATES

1956 CALVING YEAR

AYRSHIRE										GUERNSEY									
CALV. MONTH	REGISTERED			NON-REGISTERED			ALL			REGISTERED			NON-REGISTERED			ALL			
	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	
JANUARY	1532	9715	395	130	9170	372	1662	9672	393	5851	8618	413	2117	8343	391	7968	8545	407	
FEBRUARY	1465	9697	395	161	9349	377	1626	9663	393	5152	8651	415	1877	8377	390	7029	8578	408	
MARCH	1466	9618	391	138	8912	359	1604	9557	388	4874	8474	406	1972	8306	390	6846	8425	402	
APRIL	999	9514	389	98	8819	351	1097	9452	385	3742	8474	408	1389	8303	389	5131	8428	403	
MAY	767	9324	379	72	8399	342	839	9245	376	3248	8386	403	1121	8092	380	4369	8310	397	
JUNE	748	9003	367	83	8548	345	831	8958	365	3280	8099	391	1133	7841	371	4413	8033	386	
JULY	1200	8980	370	106	8505	344	1306	8941	368	4420	7907	385	1414	7838	373	5834	7890	382	
AUGUST	1720	9021	371	161	8889	362	1881	9009	370	5815	7916	387	1952	7895	376	7767	7911	384	
SEPTEMBER	2196	9221	380	183	9138	379	2379	9214	379	6311	8121	397	2559	8083	389	8870	8110	395	
OCTOBER	2218	9558	392	185	9161	370	2403	9527	390	6633	8466	412	2573	8345	399	9206	8432	408	
NOVEMBER	1653	9775	400	169	9253	373	1822	9727	398	6098	8667	419	2049	8475	400	8147	8619	414	
DECEMBER	1283	9988	405	119	9169	370	1402	9919	402	5049	8828	424	1558	8538	400	6607	8759	419	
YEAR AVERAGE	17247	9468	387	1605	9010	365	18852	9429	385	60473	8394	406	21714	8224	389	82187	8349	401	

HOLSTEIN										JERSEY									
CALV. MONTH	REGISTERED			NON-REGISTERED			ALL			REGISTERED			NON-REGISTERED			ALL			
	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	
JANUARY	15543	12695	460	11192	11762	425	26735	12304	445	4452	8118	424	1185	7950	404	5637	8083	420	
FEBRUARY	12979	12532	454	9191	11684	422	22170	12180	440	3909	8159	426	1043	7898	400	4952	8104	421	
MARCH	12339	12422	450	8840	11512	417	21179	12042	436	3757	8083	424	1156	7937	403	4913	8049	419	
APRIL	8211	12428	452	6105	11499	418	14316	12032	437	2692	8074	424	787	8035	410	3479	8065	421	
MAY	6635	12191	441	5068	11475	416	11703	11881	430	2122	7885	414	640	7802	397	2762	7866	410	
JUNE	7724	12081	439	5958	11280	412	13682	11732	427	2075	7729	406	534	7708	396	2609	7725	404	
JULY	11048	11924	435	7933	11178	410	18981	11612	425	2936	7507	395	709	7606	394	3645	7525	395	
AUGUST	16390	12041	440	12373	11355	415	28763	11746	429	4300	7445	395	1159	7635	397	5459	7486	395	
SEPTEMBER	19648	12311	450	16556	11744	427	36204	12052	440	5023	7633	405	1387	7634	395	6410	7633	403	
OCTOBER	19428	12625	461	16374	11894	431	35802	12291	448	5171	7883	418	1310	7885	407	6481	7883	416	
NOVEMBER	16116	12776	465	12717	12022	435	28833	12443	452	4484	8100	426	1134	8062	413	5618	8093	423	
DECEMBER	12642	12905	468	9692	12050	433	22334	12534	453	3537	8229	433	865	8215	417	4402	8226	430	
YEAR AVERAGE	158703	12443	453	121999	11675	424	280702	12109	440	44458	7906	416	11909	7866	403	56367	7898	413	

BROWN SWISS										M SHORTHORN									
CALV. MONTH	REGISTERED			NON-REGISTERED			ALL			REGISTERED			NON-REGISTERED			ALL			
	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	
JANUARY	1073	10901	443	168	10425	417	1241	10836	439	340	8296	321	63	8792	341	403	8373	324	
FEBRUARY	923	10677	432	146	9713	392	1069	10545	427	275	8340	317	49	8622	347	324	8383	322	
MARCH	1032	10700	433	145	9857	401	1177	10596	429	338	8399	321	54	8600	335	392	8426	323	
APRIL	789	10645	434	102	10403	423	891	10617	433	190	8372	313	38	8717	349	228	8429	319	
MAY	772	10410	427	89	9795	392	861	10346	423	152	8207	317	30	8262	331	182	8216	319	
JUNE	689	10316	421	76	10198	423	765	10305	421	154	7602	290	23	8483	335	177	7716	296	
JULY	950	10264	423	105	9998	406	1055	10237	421	215	8028	305	21	8651	361	236	8084	310	
AUGUST	1180	10100	417	114	10215	423	1294	10110	418	259	7920	307	37	8922	356	296	8045	313	
SEPTEMBER	1278	10415	432	195	10433	427	1473	10417	431	332	8005	311	39	8904	362	371	8100	316	
OCTOBER	1282	10819	446	206	10507	428	1488	10776	444	353	8157	318	36	9433	371	389	8275	323	
NOVEMBER	1212	11130	457	188	10493	429	1400	11044	453	343	8295	321	29	8612	344	372	8320	323	
DECEMBER	1061	11278	459	154	10183	415	1215	11139	454	216	8449	327	35	8797	355	251	8498	331	
YEAR AVERAGE	12241	10656	436	1688	10226	416	13929	10604	434	3167	8193	315	454	8747	348	3621	8262	319	

RED DANE										RED POLL									
CALV. MONTH	REGISTERED			NON-REGISTERED			ALL			REGISTERED			NON-REGISTERED			ALL			
	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	NUMBER	MILK	FAT	
JANUARY				10	10114	399	10	10114	399	15	7630	316	2	10170	435	17	7929	330	
FEBRUARY				8	10086	395	8	10086	395	17	8204	318	2	10630	432	19	8459	330	
MARCH				9	8134	319	9	8134	319	5	6342	271	7	11077	460	16	8414	354	
APRIL				1	14390	539	1	14390	539	8	8935	371				8	8925	371	
MAY				3	9037	322	3	9037	322	5	7324	316				5	7324	316	
JUNE				5	10098	412	5	10098	412	4	7263	295	1	7160	279	5	7242	292	
JULY										6	9140	364	2	8500	366	8	8980	365	
AUGUST				5	9528	392	5	9528	392	9	7256	322	1	8500	286	10	7380	318	
SEPTEMBER				4	10395	378	4	10395	378	12	7800	345	1	10230	446	13	7987	353	
OCTOBER				8	9174	368	8	9174	368	15	7666	334				15	7666	334	
NOVEMBER				7	9816	417	7	9816	417	24	7430	327				24	7430	327	
DECEMBER				4	9875	411	4	9875	411	12	7254	301	2	8250	324	14	7396	304	
YEAR AVERAGE				64	9654	384	64	9654	384	136	7663	323	18	9918	408	154	7926	333	

